Author Index

Abboud, S.L., 452
Adriaansen, H.J., 458
Aguilar, J.Ll., 407
Akashi, K., 172
Akiyama, H., 129
Aksoy, K., 527
Alfinito, F., 111
Anasetti, C., 49
Anazawa, H., 317
Andersen, J.W., 466
Anderson, G.P., 504
Anderson, S.M., 106
Andersson, B., 166
Appelbaum, F., 49
Arai, K., 561
Arnout, J., 341, 358
Audouin, J., 27
Azais, I., 199
Azzi, N., 102

Ba, M.S., 519
Baines, M.G., 265
Baldi, M., 222
Balercia, G., 258
Barbui, T., 310
Barnett, M.J., 256
Barosi, G., 545
Bassan, R., 310
Basso, G., 472
Battistuzzi, G., 111
Bauters, F., 178, 488
Baysal, D., 567
Baysal, E., 527
Beatson, D., 364
Beguin, Y., 278
Benn, P., 184
Bennett, J.M., 466
Benvestito, S., 472
Ben-Yaakov, M., 137
Berger, R., 178
Bernard, J.F., 199
Bernaud, J., 370
Bernini, L.F., 533
Bessho, M., 409
Bettoni, S., 310
Beuzard, Y., 519
Biondi, A., 472
Björkholm, M., 166
Blade, J., 407
Blourde, C., 370
Blumberg, N., 83
Boivin, P., 242
Boneu, B., 509
Boogaerts, M.A., 264
Boughton, B.J., 564
Bournier, O., 242
Boyd, A.W., 298
Briët, E., 358
Brison, O., 391
Brisson-Lougarre, A., 157
Britinger, G., 21
Brock, J.H., 235
Brohn, F., 6
Buccheri, V., 62
Bunin, N., 40
Burnett, A.K., 251
Bury, R.W., 144
Busca, A., 472

Calabrò, V., 111
Camaschella, C., 533
Campbell, L.J., 298
Cao, A., 222
Capalbo, S., 310
Cappellini, M.D., 133
Caranobe, C., 509
Carbone, A., 472
Cardinali, S., 539
Caron, C., 214, 488
Carpani, G., 260
Casanova, F., 305
Cassileth, P.A., 466
Catovsky, D., 62, 194
Cattaneo, M., 337
Cavill, I., 418
Cazzola, M., 278, 545
Cebon, J., 144
Chaganti, R.S.K., 15
Chalmers, E.A., 251
Chessells, J., 332
Chignard, M., 205
Chistolini, A., 416
Chott, A., 160
Chui, D.H.K., 378
Cohen, A., 40
Conaghan, G.D., 347
Contreras, M., 97
Cornetta, K., 421
Corrocher, R., 258
Coupez, B., 214
Courtin, P., 488
Cowles, J., 83
Crepon, B., 509
Cullis, J.O., 33
Cürük, M.A., 527
Cuthbert, R.J.G., 364
Cutillo, S., 133

Dauriac, C., 91
Dearden, C.E., 194
Deghaye, M., 488
De Gramont, A., 199
Delamaire, M., 91
Delaunay, J., 242
del Carmen Perez, M., 125
de Mel, W.C.P., 194
De Sanctis, V., 416
De Valck, C., 102
Devergie, A., 391
Dhermy, D., 242
di Celle, P.F., 472
Diebold, J., 27
Dijkstra, N.H., 381
Dikmen, N., 527
Djeha, A., 235
Dohy, H., 317
Doll, D.C., 566
Doney, K., 49
Dörmer, P., 480
Dowton, L.A., 431
Doyen, C., 199
Dragoni, F., 416
Dray, C., 157
Du, D-L., 437
Duclos, B., 199
Durand, F., 91

Eikenboom, J.C.J., 358
Ellegaard, J., 121
Eng, B., 378
Esperou-Bourdeau, H., 391
Estrov, Z., 40
Euller-Ziegler, L., 199
Evers, J.P., 559

Faà, V., 222
Fabian, I., 137
Fabrizi, I., 260
Facon, T., 488
Falk, S., 254
Fazioli, F., 310
Fei, Y.-J., 527
Feliu, E., 407
Fenaux, P., 178
Ferster, A., 102
Filippa, D.A., 15
Filosa, S., 111
Fiorelli, G., 133
Fischer, R., 227
Fitzsimons, E., 263
Foa, R., 472
Fodde, R., 533
Fondu, P., 102
Fox, R.M., 298
Franklin, I., 33
Franklin, I.M., 564
Freedman, M.H., 40
Fujimoto, J., 556
Fujita, S., 293
Fukuda, M., 327
Fukunaga, Y., 413

Galand, C., 242
Galton, D.A.G., 569
Gambarana, D., 545
Ganeshaguru, K., 194
Ganser, A., 254
Garbarz, M., 242
Garner, S.F., 97
Gascón, A., 305
Gautero, H., 242
Geller-Bernstein, C., 137
Genetet, B., 91
Gerdes, J., 189
Giachino, C., 472
Gibbons, B., 332
Gibson, F.M., 446
Girelli, D., 258
Giscombe, R., 166
Giudici, G., 472
Gluckman, E., 391
Golde, D.W., 137
Goldenberg, D.M., 69
Goldman, J.M., 33
Gonçalves, P., 567
González, M., 305
Gordon-Smith, E.C., 446
Gottardi, E., 533
Goudemand, J., 214, 488
Goudemand, M., 214
Gralnick, H.R., 347
Greaves, M., 266, 271
Greer, W., 256
Grieshaber, C.K., 437
Grimfors, G., 166
Gringeri, A., 337
Grosbois, B., 91, 199
Grozdea, J., 157
Grunberger, T., 40
Guerras, L., 305

Habermann, T.M., 466
Hakkert, B.C., 495
Hall, C.A., 117
Hamilton-Dutoit, S., 27
Hanada, T., 127
Hansmann, K., 347
Harada, M., 172
Hasegawa, H., 293
Havemann, K., 557
Heal, J.M., 83
Heaton, A., 539
Hellemans, L., 264
Hernández, J.M., 305
Hess, U., 254
Heymanns, J., 557
Hillmen, P., 399
Hirashima, K., 409
Hirt, A., 189
Hjorth, M., 55
Hoelzer, D., 254
Hoffbrand, A.V., 194, 269
Holm, G., 166
Holmberg, E., 55
Holme, S., 539
Holyoake, T.L., 564
Honetz, N., 160
Hoshino, K., 317
Houin, G., 509
Houston, T., 263
Hows, J.M., 33, 399
Hubbard, A.R., 265
Hughes, T.P., 33
Huisman, T.H.J., 527, 567
Hussain, M., 6
Hutchinson, R.M., 416
Huybrechts, E., 341

Ioloscon, A., 133
Ishida, T., 127
Ito, E., 561
Itoh, Y., 409

Jacobson, R.J., 559
Jamieson, A., 263
Jensen, I.M., 121
Jensen, P.D., 121
Jhanwar, S.C., 15
Jiménez, R., 305
Jimenez, S., 125
Jinnai, I., 409
Johansson, B., 166
Johnson, R.M., 6
Jones, D., 406
Jonveaux, P., 178
Josten, K.M., 446

Kadiri, C., 205
Kakinuma, K., 413
Kaneda, M., 413
Kaneko, K., 413
Kaneko, T., 151
Katz, F., 332
Kawachi, Y., 411
Kawai, N., 409
Kawamata, N., 129
Kawauchi, K., 561
Kekomäki, R., 77
Kerckaert, J.P., 178
Kienzer, H., 160
Kigasawa, H., 556
Kikuchi, M., 162
Kita, K., 317
Kletter, Y., 137
Kluin-Nelemans, J.C., 458
Klumpp, T., 135
Kochenour, N., 97
Kojima, H., 127
Kojima, S., 327
Kolb, H.J., 427

Author Index

Abboud, S.L., 452
Adriaansen, H.J., 458
Aguilar, J.Ll., 407
Akashi, K., 172
Akiyama, H., 129
Aksoy, K., 527
Alfinito, F., 111
Anasetti, C., 49
Anazawa, H., 317
Andersen, J.W., 466
Anderson, G.P., 504
Anderson, S.M., 106
Andersson, B., 166
Appelbaum, F., 49
Arai, K., 561
Arnout, J., 341, 358
Audouin, J., 27
Azais, I., 199
Azzi, N., 102

Ba, M.S., 519
Baines, M.G., 265
Baldi, M., 222
Balercia, G., 258
Barbui, T., 310
Barnett, M.J., 256
Barosi, G., 545
Bassan, R., 310
Basso, G., 472
Battistuzzi, G., 111
Bauters, F., 178, 488
Baysal, D., 567
Baysal, E., 527
Beatson, D., 364
Beguin, Y., 278
Benn, P., 184
Bennett, J.M., 466
Benvestito, S., 472
Ben-Yaakov, M., 137
Berger, R., 178
Bernard, J.F., 199
Bernaud, J., 370
Bernini, L.F., 533
Bessho, M., 409
Bettoni, S., 310
Beuzard, Y., 519
Biondi, A., 472
Björkholm, M., 166
Blade, J., 407
Blourde, C., 370
Blumberg, N., 83
Boivin, P., 242
Boneu, B., 509
Boogaerts, M.A., 264
Boughton, B.J., 564
Bournier, O., 242
Boyd, A.W., 298
Briët, E., 358
Brison, O., 391
Brisson-Lougarre, A., 157
Britinger, G., 21
Brock, J.H., 235
Brohn, F., 6
Buccheri, V., 62
Bunin, N., 40
Burnett, A.K., 251
Bury, R.W., 144
Busca, A., 472

Calabrò, V., 111
Camaschella, C., 533
Campbell, L.J., 298
Cao, A., 222
Capalbo, S., 310
Cappellini, M.D., 133
Caranobe, C., 509
Carbone, A., 472
Cardinali, S., 539
Caron, C., 214, 488
Carpani, G., 260
Casanova, F., 305
Cassileth, P.A., 466
Catovsky, D., 62, 194
Cattaneo, M., 337
Cavill, I., 418
Cazzola, M., 278, 545
Cebon, J., 144
Chaganti, R.S.K., 15
Chalmers, E.A., 251
Chessells, J., 332
Chignard, M., 205
Chistolini, A., 416
Chott, A., 160
Chui, D.H.K., 378
Cohen, A., 40
Conaghan, G.D., 347
Contreras, M., 97
Cornetta, K., 421
Corrocher, R., 258
Coupez, B., 214
Courtin, P., 488
Cowles, J., 83
Crepon, B., 509
Cullis, J.O., 33
Cürük, M.A., 527
Cuthbert, R.J.G., 364
Cutillo, S., 133

Dauriac, C., 91
Dearden, C.E., 194
Deghaye, M., 488
De Gramont, A., 199
Delamaire, M., 91
Delaunay, J., 242
del Carmen Perez, M., 125
de Mel, W.C.P., 194
De Sanctis, V., 416
De Valck, C., 102
Devergie, A., 391
Dhermy, D., 242
di Celle, P.F., 472
Diebold, J., 27
Dijkstra, N.H., 381
Dikmen, N., 527
Djeha, A., 235
Dohy, H., 317
Doll, D.C., 566
Doney, K., 49
Dörmer, P., 480
Dowton, L.A., 431
Doyen, C., 199
Dragoni, F., 416
Dray, C., 157
Du, D-L., 437
Duclos, B., 199
Durand, F., 91

Eikenboom, J.C.J., 358
Ellegaard, J., 121
Eng, B., 378
Esperou-Bourdeau, H., 391
Estrov, Z., 40
Euller-Ziegler, L., 199
Evers, J.P., 559

Faà, V., 222
Fabian, I., 137
Fabrizi, I., 260
Facon, T., 488
Falk, S., 254
Fazioli, F., 310
Fei, Y.-J., 527
Feliu, E., 407
Fenaux, P., 178
Ferster, A., 102
Filippa, D.A., 15
Filosa, S., 111
Fiorelli, G., 133
Fischer, R., 227
Fitzsimons, E., 263
Foa, R., 472
Fodde, R., 533
Fondu, P., 102
Fox, R.M., 298
Franklin, I., 33
Franklin, I.M., 564
Freedman, M.H., 40
Fujimoto, J., 556
Fujita, S., 293
Fukuda, M., 327
Fukunaga, Y., 413

Galand, C., 242
Galton, D.A.G., 569
Gambarana, D., 545
Ganeshaguru, K., 194
Ganser, A., 254
Garbarz, M., 242
Garner, S.F., 97
Gascón, A., 305
Gautero, H., 242
Geller-Bernstein, C., 137
Genetet, B., 91
Gerdes, J., 189
Giachino, C., 472
Gibbons, B., 332
Gibson, F.M., 446
Girelli, D., 258
Giscombe, R., 166
Giudici, G., 472
Gluckman, E., 391
Golde, D.W., 137
Goldenberg, D.M., 69
Goldman, J.M., 33
Gonçalves, P., 567
González, M., 305
Gordon-Smith, E.C., 446
Gottardi, E., 533
Goudemand, J., 214, 488
Goudemand, M., 214
Gralnick, H.R., 347
Greaves, M., 266, 271
Greer, W., 256
Grieshaber, C.K., 437
Grimfors, G., 166
Gringeri, A., 337
Grosbois, B., 91, 199
Grozdea, J., 157
Grunberger, T., 40
Guerras, L., 305

Habermann, T.M., 466
Hakkert, B.C., 495
Hall, C.A., 117
Hamilton-Dutoit, S., 27
Hanada, T., 127
Hansmann, K., 347
Harada, M., 172
Hasegawa, H., 293
Havemann, K., 557
Heal, J.M., 83
Heaton, A., 539
Hellemans, L., 264
Hernández, J.M., 305
Hess, U., 254
Heymanns, J., 557
Hillmen, P., 399
Hirashima, K., 409
Hirt, A., 189
Hjorth, M., 55
Hoelzer, D., 254
Hoffbrand, A.V., 194, 269
Holm, G., 166
Holmberg, E., 55
Holme, S., 539
Holyoake, T.L., 564
Honetz, N., 160
Hoshino, K., 317
Houin, G., 509
Houston, T., 263
Hows, J.M., 33, 399
Hubbard, A.R., 265
Hughes, T.P., 33
Huisman, T.H.J., 527, 567
Hussain, M., 6
Hutchinson, R.M., 416
Huybrechts, E., 341

Ioloscon, A., 133
Ishida, T., 127
Ito, E., 561
Itoh, Y., 409

Jacobson, R.J., 559
Jamieson, A., 263
Jensen, I.M., 121
Jensen, P.D., 121
Jhanwar, S.C., 15
Jiménez, R., 305
Jimenez, S., 125
Jinnai, I., 409
Johansson, B., 166
Johnson, R.M., 6
Jones, D., 406
Jonveaux, P., 178
Josten, K.M., 446

Kadiri, C., 205
Kakinuma, K., 413
Kaneda, M., 413
Kaneko, K., 413
Kaneko, T., 151
Katz, F., 332
Kawachi, Y., 411
Kawai, N., 409
Kawamata, N., 129
Kawauchi, K., 561
Kekomäki, R., 77
Kerckaert, J.P., 178
Kienzer, H., 160
Kigasawa, H., 556
Kikuchi, M., 162
Kita, K., 317
Kletter, Y., 137
Kluin-Nelemans, J.C., 458
Klumpp, T., 135
Kochenour, N., 97
Kojima, H., 127
Kojima, S., 327
Kolb, H.J., 427

Köppler, H., 557
Kosco, M., 21
Kremer, J.-P., 480
Kubanek, B., 285
Kudoh, T., 131
Kutlar, F., 567

Labadie, J., 381
Lahary, A., 242
Landman, J., 391
Laneuville, P., 252
Lang, H.-D., 184
Laporte, J.Ph., 199
Lappin, T.R.J., 271
Lau, A., 40
Lau, K.S., 431
Laurie, A.S., 446
Lawlor, E., 566
Le Blay, R., 91
Lecomte, M.C., 242
Le Dantec, G., 91
Le Goff, M.-C., 91
Le Loet, X., 199
Letsky, E., 97
Level, M., 509
Liberato, L., 545
Lichter, S., 184
Lieschke, G.J., 144
Lilleyman, J.S., 446
Limouzy, P., 157
Liso, V., 310
List, A.F., 566
Liu, J.M., 106
Ljungman, P., 427
Locatelli, F., 545
Longton, G., 49
Lopes, D., 567
Lormeau, J.C., 509
Losekoot, M., 533
Loucheux-Lefebvre, M.H., 178
Lubin, B.H., 519
Luc Laï, J., 178
Luddy, R.E., 40
Ludlam, C.A., 268, 364, 514
Luethy, A.R., 189
Luzzatto, L., 111, 399

Ma, D.D.F., 431
Magruder, L., 347
Maher, D.W., 298
Malpas, J.S., 268
Mandelli, F., 416
Mannucci, P.M., 337
Marey, A., 214
Marmont, A., 260
Martin, P., 49
Martini, G., 111
Maruyama, K., 413
Maruyama, Y., 129
Masel, D., 83
Mason, P., 111
Mataix, R., 125
Matsumoto, K., 327
Matsunaga, Y., 131
Matsuyama, T., 327
Matutes, E., 62
Mazurier, C., 214, 488
Mazzucconi, M.G., 416
McDonald, G., 49
McGrath, K., 298
McKeown, L., 347
McMahon, C., 332
Mehta, A.B., 194, 268
Meloni, A., 222
Menard, J.F., 199
Michaux, J.L., 199
Migita, M., 413
Migone, N., 472
Mikraki, V., 15
Mills, K.I., 251
Miraglia del Giudice, E., 133
Mitchell, C., 332
Miura, Y., 126
Mizoguchi, H., 151
Mizon, P., 214
Monconduit, M., 199
Moore, M.R., 263
Mor, S., 137
Morgan, G.J., 1
Morgenstern, G., 33
Mori, M., 411
Morilla, R., 62
Moro, M^ J., 305
Morohoshi, T., 131
Moroni, G.A., 260
Morstyn, G., 144, 298
Muroi, K., 126
Murphy, M.J., Jr, 437
Murru, S., 222

Nagai, K., 131
Najfeld, V., 560
Nakase, K., 317
Napier, J.A.F., 269, 418
Nasu, K., 317
Nerl, C., 480
Nespoli, L., 545
Nevill, T.J., 256
Newland, A., 270
Nicolini, U., 97
Nieminen, U., 77
Nienhuis, A.W., 106
Niho, Y., 172
Nishihira, H., 556
Noé, G., 285

Ohta, K., 413
Ojeda, E., 125
Oken, M.M., 466
Okumura, K., 151
Olivieri, O., 258
Onozawa, Y., 129
Oogami, A., 172
Orfao, A., 305
Ortega, F., 305
Oshimi, K., 151
Otsuji, A., 317
Ottman, O.G., 254
Owens, M., 539
Ozaki, S., 411

Pagnini, D., 111
Pallesen, G., 27
Parr, L.J., 265
Patton, W.N., 564
Pedrazzoli, P., 545
Peerlinck, K., 358
Peny, A.M., 199
Pepe, M., 49
Perez-Alvarez, C., 21
Perrotta, S., 133
Petitou, M., 509
Petrasch, S., 21
Peutherer, J.F., 364, 514
Pflüger, K.-H., 557
Phillips, G.L., 256
Pincus, J., 559
Pinto, L., 133
Ploos Van Amstel, H.K., 358
Poggi, V., 111
Pollet, J.P., 199
Pont, J., 160
Popow-Kraupp, T., 160
Porta, F., 545
Portero, J.A., 305
Postner, G., 160
Preudhomme, C., 178
Prevot, S., 27
Puchhammer-Stöckl, E., 160

Quiquandon, I., 178

Rambaldi, A., 310
Ravindranath, Y., 6
Raynal, B., 391
Rebulla, P., 135
Rebus, S., 514
Reeves, B., 332
Reinhart, W.H., 550
Reisbach, G., 480
Reitsma, P.H., 358
Renesto, P., 205
Rentenaar, J.M., 495
Ribeiro, M.L.S., 567
Rich, I.N., 285
Riedel, W., 285
Rigal, D., 370
Robinson, K.S., 256
Rockman S., 298
Rodeck, C.H., 97
Rödjer, S., 55
Romero, M., 305
Rompcik, V., 227
Rosatelli, M.C., 222
Rosenfeld, C.S., 406
Rossi, V., 472
Rossio, J.L., 106
Rosti, A., 260
Rotoli, B., 111
Rouyer-Fessard, P., 519
Rowe, J.M., 83
Rozman, C., 407
Rozman, M., 407
Rutherford, T.R., 446

Saba, L., 222
Saglio, G., 533
Saito, M., 409
Saivin, S., 509
Sakamaki, H., 129
Sakamoto, S., 126
Sakamoto, Y., 411
Sakata, T., 409
Salgado, C., 407
Sánchez, J., 305
San Miguel, J.F., 305
Sangtawesin, W., 358
Santagostino, E., 337
Sanz, M.A., 305
Sardu, R., 222
Sariban, E., 102
Sasaki, K., 411
Sasaki, Y., 556
Saunders, E.F., 40
Sawyer, S., 539
Scalise, A., 560
Schmitz, J., 21
Schnürch, H.-G., 254
Schulz, G., 254
Schwarer, A.P., 33
Sciarratta, G.V., 222
Scott, M.D., 519
Secker-Walker, L.M., 270
Seipelt, G., 254
Sekine, T., 317
Seto, T., 151
Setsu, K., 411
Shadduck, R.K., 406
Shafer, B., 347
Shahidi, N., 40
Sharkey, R.M., 69
Shetty, V., 62
Shibuya, T., 172
Shirkawa, S., 317
Sie, P., 509
Simmonds, P., 514
Simpson, E., 251
Sirchia, G., 135
Sissolak, G., 194
Snauwaert, J., 264
Socié, G., 391, 427
Specchia, G., 310
Sproul, A.M., 251
Steel, C.M., 364
Stein, R., 69
Stockschlaeder, M., 49
Storb, R., 49
Suda, T., 126
Sullivan, K., 49
Suzuki, N., 131
Suzuki, T., 126

Takamatsu, Y., 172
Takase, K., 129
Talbot, P.J., 446
Tamagnini, G.P., 567
Tanaka, I., 317
Tanaka, Y., 556
Tannoia, N., 222
Tay, D.L.M., 298
Tchernia, G., 242
Teshima, T., 172
Thein, S.L., 273
Theodossiou, C., 560
Thiele, J., 227
Toda, S., 129
Toki, T., 561
Toppet, M., 102
Toya, K., 126
Toyoda, A., 409
Trowbridge, E.A., 266
Tsuchiya, T., 127
Tsuda, H., 561
Tsudo, M., 317
Tsutani, H., 317
Tullgren, O., 166

Uchida, T., 411
Ueda, M., 431
Uziel, L., 260

Vail, M., 347
Vallone, D., 111
van der Schoot, C.E., 458
van Mourik, J.A., 495
Vannier, J.P., 242
van Putten, W.L.J., 458
Vanrumbeke, M., 178
Vanrusselt, M., 341
van Tol, M.J.D., 381
van't Veer, M.B., 458
van Wering, E.R., 458
Vergnes, H., 157
Vermot-Desroches, C., 370
Vermylen, J., 341, 358
Vettore, L., 258
Viero, P., 310
Vitucci, A., 222
Volovitz, B., 137
Volpe, D.A., 437
Vossen, J.M., 381

Wagner, H.P., 189
Wagner, S., 227
Walsh, C.E., 106
Walter, P., 27
Wang, J.C., 184
Watanabe, A., 413
Watson, H.G., 514
Waye, J.S., 378
Webb, D., 332
Wei, A-Q., 431
Weide, R., 557
Weinstein, M., 184
Werren, E.-M., 189
Westin, J., 55
Wetterwald, M., 199
Wiedemann, L.M., 1
Wiener, E., 97
Williams, S.B., 347
Winfield, D.A., 416
Wisch, N., 560

Witherspoon, R., 49
Wollner, N., 15
Woods, M.J., 266
Wu, Z.-H., 431
Wurtz, A., 488
Yamamoto, M., 413
Yanagisawa, K., 293
Yates, J.M., 564
Yokoyama, M., 561
Yoshida, N., 62
Yoto, Y., 131
Young, N.S., 106
Yüregir, G.T., 527
Zachée, P., 264
Zecca, M., 545
Zhang, L.Q., 514
Ziegler, Z.R., 406
Zighetti, M.L., 260
Zwaan, F.E., 381
Zwiebel, J.A., 559

Subject Index

Agranulocytosis, clozapine induced, successful treatment of with granulocyte-colony stimulating factor (G-CSF) (WEIDE *et al*), 557
Agranulocytosis, drug-induced, following G-CSF therapy, accelerated recovery from (PATTON *et al*), 564
Anaemia, chronic non-spherocytic haemolytic, molecular basis of: a new G6PD variant (393 Arg→His) with abnormal K_m^{G6P} and marked *in vivo* instability (FILOSA *et al*), 111
Anaemia, congenital dyserythropoietic, with stomatocytosis, a case of, reduced bands 7 and 8 and normal cation content (OLIVIERI *et al*), 258
Anaemia, primary acquired sideroblastic, treatment with haem arginate (HOUSTON *et al*), 263
Anaemia, severe aplastic, trilineage recovery by combination therapy with recombinant human granulocyte colony-stimulating factor (rhG-CSF) and erythropoietin (rhEpo) in (BESSHO *et al*), 409
Anaemia, severe refractory aplastic, a trial of recombinant human interleukin-1 in patients with (WALSH *et al*), 106
Anaemia, sickle cell, severe, bone marrow transplantation for (FERSTER *et al*), 102
Autoimmune thrombocytopenic purpura, refractory, recombinant alpha 2b interferon in the treatment of (CHRISTOLINI *et al*), 416

B-cell chronic lymphocytic leukaemia cells express and release transforming growth factor-β (KREMER *et al*), 480
Bone marrow transplantation, allogeneic, malignant diseases after: the case for assessment of risk factors (SOCIÉ *et al*), 427
Book reviews
Antithrombotics: Pathophysiological Rationale for Pharmacological Interventions, 271
Autologous Transfusion and Hemotherapy, 418
Catalog of Chromosome Aberrations in Cancer, 270
Erythropoietin: Molecular, Cellular, and Clinical Biology, 271
Milestones in Leukemia Research and Therapy, 569
Minimal Residual Disease in Leukaemia, 270
Practical Laboratory Haematology, 268
Recent Advances in Blood Coagulation, No. 5, 268
Regional Antineoplastic Drug Delivery in the Management of Malignant Disease, 268
Self Assessment in Haematology, 418
Transfusion Transmitted Infections, 269
Year Book of Haematology, 1991, 269

Cathepsin G and platelet activating factor, two neutrophil-derived agonists, combined activation of (RENESTO *et al*), 205
Chimaerism after bone marrow transplantation for severe aplastic anaemia, short-term study of (SOCIÉ *et al*), 391
Cyclosporin A induced remission of CD4+ t-CLL associated with eosinophilia and fasciitis (LANEUVILLE), 252

Down's syndrome patients, phosphotyrosine phosphatase activity and haematological changes in (VERGNES *et al*), 157

Epidermal growth factor stimulates macrophage colony-stimulating factor (M-CSF) mRNA expression and M-CSF release in cultured murine stromal cells (ABBOUD), 452
Erythroblastopenia, transient, of childhood associated with human parvovirus B19 infection (NAGAI *et al*), 131
Erythrocyte deformability, normal, α- and β-haemoglobin induced changes in: comparison to β thalassaemia intermedia and Hb H disease (SCOTT *et al*), 519
Erythrocyte deformability, the influence of iron deficiency on (REINHART), 550
Erythron function in man, new tools for clinical evaluation of (CAZZOLA & BEGUIN), 278
Erythropoietin, human serum, assessment of an EIA for measuring, as compared with RIA and an *in-vitro* bioassay (MA *et al*), 431
Erythropoietin in human serum, a sensitive sandwich ELISA for measuring (NOÉ *et al*), 285
Erythropoietin, recombinant human, is effective in correcting erythropoietin-deficienct anaemia after allogeneic bone marrow transplantation (LOCATELLLI *et al*), 545

Fibroblasts, bone marrow, cultured from patients with myelofibrosis and myeloid metaplasia, cytogenetic studies of (WANG *et al*), 184

Gene therapy, safety aspects of (CORNETTA), 421
Globin gene deletion, ζ–α, in a Chinese individual, identification of (WAYE *et al*), 378
GM-CSF efficacy, the dissociation of, from toxicity according to route of administration: a pharmacodynamic study (CEBON *et al*), 144
Granular lymphocyte-proliferative disorders, a bispecific antibody detects cytotoxic T lymphocytes of unknown specificity in patients with (KANEKO *et al*), 151
Granulocytic differentiation of the human myelomonocytic leukaemia cell line ME-1 in serum-free culture (YANAGISAWA *et al*), 293

Haemolysis in patients with positive IgG-type direct antiglobulin test, is there a mechanical factor of? (DELAMAIRE *et al*), 91
Haemolytic disease of the fetus before 32 weeks gestation, mononuclear phagocyte assays, AutoAnalyzer quantitation and IgG subclasses of maternal anti-RhD in the prediction of the severity of (GARNER *et al*), 97
Haemophiliacs, HIV seronegative, immunological studies in: relationship to blood product therapy (CUTHBERT *et al*), 364
Haemopoietic growth factors, activation of human eosinophil and neutrophil functions by: comparisons of IL-1, IL-3, IL-5 and GM-CSF (FABIAN *et al*), 137
Hb H disease in a Turkish family resulting from the interaction of a deletional α-thalassaemia-1 and a newly discovered poly A mutation (YÜREGIR *et al*), 527
Hepatitis C virus infection in haemophiliacs treated with non-virus inactivated factor VIII and IX concentrates, use of several second generation serological assays to determine the true prevalence of (WATSON *et al*), 514
Hodgkin's disease, adult, increased serum CD8 soluble antigen level is associated with blood lymphocyte abnormalities and other

established indicators of a poor prognosis in (GRIMFORS *et al*), 166
HPFH, non-deletional type, rapid identification by denaturing gradient gel electrophoresis of mutations in the γ-globin gene promoters in (GOTTARDI *et al*), 533

Immune thrombocytopenic purpura, chronic, intramuscular anti-D immunoglobulins for home treatment of (GRINGERI *et al*), 337
Immunosuppressive property of a very high purity antihaemophilic preparation: a low molecular weight component inhibits an early step of PHA induced cell activation (VERMOT-DESROCHES *et al*), 370
Interleukin-2 receptor alpha chain expression on non-T-cell acute leukaemia cells, diagnostic and clinical importance of (NAKASE *et al*), 317
Irradiation of blood products, third party mediated graft rejection despite (SPROUL *et al*), 251

Kaposi's sarcoma associated with adult T-cell leukaemia (OZAKI *et al*), 411
Ki-1 lymphoma producing G-CSF (NISHIHIRA *et al*), 556
Kostmann's syndrome, emperipolesis of neutrophils by megakaryocytes and thrombocytopenia observed in a case of, during intravenous administration of high-dose rhG-CSF (MIGITA *et al*), 413

Leukaemia, acute myeloid, mitozantrone and cytosine arabinoside as first line therapy in elderly patients with (HUTCHINSON & WINFIELD), 416
Leukaemia, acute myeloid, mutations of the P53 gene in (FENAUX *et al*), 178
Leumaemia, acute, the role of an anti-myeloperoxidase antibody in the diagnosis and classification of: a comparison with light and electron microscopy cytochemistry (BUCCHERI *et al*), 62
Leukaemia and lymphoma, quality assessment of immunological marker analysis and the immunological diagnosis in: a multicentre study (VAN'T VEER *et al*), 458
Leukaemia, childhood acute lymphoblastic, myeloid antigen expression in (LAWLOR), 566
Leukaemia, childhood acute myeloblastic, associated with monosmy doe chromosome 7, possible evidence for genomic imprinting in (KATZ *et al*), 332
Leukaemia, chronic lymphocytic, with myeloid associated antigen, a case of (KAWAMATA *et al*), 129
Leukaemia, chronic myelogenous, constitutive expression of IL-1β, M-CSF and c-fms during the myeloid blastic phase of (SPECCHIA *et al*), 310
Leukaemia, chronic myeloid, following marrow transplantation, return to durable haematopoiesis after blast phase relapse of (NEVILL *et al*), 256
Leukaemia, chronic myelomonocytic, a favourable effect of recombinant human erythropoietin in three cases of leukaemic transformation from (UZIEL *et al*), 260
Leukaemia, granular lymphocyte, in association with multiple myeloma (HANADA *et al*), 127
Leukaemia, hairy cell, increase in 2',5'-oligoadenylate synthetase caused by deoxycoformycin in (GANESHAGURU *et al*), 194
Leukaemia, hairy cell, sequential administration of recombinant interferon alpha and deoxycoformycin in the treatment of (HABERMANN *et al*), 466
Leukaemia, infant acute lymphoblastic, at presentation and at relapse, unique genotypic features of (BIONDI *et al*), 472
Leukaemia, infantile, expression of a lineage specific transcriptional factor GATA-1 in leukaemic blasts from patients with (ITO *et al*), 561
Leukaemia, juvenile chronic mylogenous, central role of tumour necrosis factor, GM-CSF, and interleukin 1 in the pathogenesis of (FREEDMAN *et al*), 40
Leukaemia-M1, acute myelogenous, duplication q21 to q26 of chromosome 3 in a patient with (NAJFELD *et al*), 560
Leukaemia, Philadelphia-positive, the clinical application of molecular techniques in (MORGAN & WIEDEMANN), 1
Leukaemia, T-lymphoid/myeloid, interstitial 9q deletion in (AKASHI *et al*), 172
Leukaemic recipients of leucocyte-poor blood components, duration of first remission in (REBULLA & SIRCHIA), 135
Lupus antigoagulant neutralization test, a new, based on platelet-derived vesicles (ARNOUT *et al*), 341
Lymphocytes, non-Hodgkin-lymphoma, proliferation *in vitro* is dependent upon follicular dentritic cell interactions (PETRASCH *et al*), 21
Lymphoid neoplasia of childhood, cell cycle analysis in: differences among immunologic subtypes and similarities in the proliferation of normal and leukaemic precursor B cells (HIRT *et al*), 189
Lymphoma, African Burkitt's and high-grade B cell non-Burkitt's, analysis of for Epstein-Barr virus genomes using *in situ* hybridization (PREVOT *et al*), 27
Lymphoma, B-cell, expression of CD11B, CD14 and CD36 antigens by (MUROI *et al*), 126
Lymphoma, childhood non-Hodgkin's, distinct patterns of chromosome abnormalities characterize (MIKRAKI *et al*), 15

Marrow graft, an allogeneic, transfer of specific immunity from donor to recipient of: effect of conditioning on the specific immune response of the graft recipient (LABADIE *et al*), 381
Megakaryocytes, circulating, the physiological significance of (WOODS *et al*), 266
Myelodysplasia, unmaintained trilineage response to recombinant human erythropoietin in a patient with (JONES *et al*), 406
Myelodysplastic syndrome, desferrioxamine treatment reduces blood transfusion requirements in patients with (JENSEN *et al*), 121
Myelofibrosis, a second bone marrow biopsy as a cause of a false diagnosis of (SALGADO *et al*), 407
Myelofibrosis, idiopathic, alpha-interferon in the treatment of (LIST & DOLL), 566
Myelofibrosis, primary, and polycythaemia vera, vascular architecture and collagen type IV in: an immunomorphometric study on trephine biopsies of the bone marrow (THIELE *et al*), 227
Myelokathexis treated with recombinant human granulocyte-macrophage colony-stimulating factor (rhGM-CSF) (HESS *et al*), 254
Myeloma, multiple, impact of active and passive exclusions on the results of a clinical trial in (HJORTH *et al*), 55
Myeloma, multiple, lymphoid subsets and prognostic factors in (SAN MIGUEL *et al*), 305
Myeloma, severe multiple, VAD or VMBCP in (MONCONDUIT *et al*), 199

Neuroblastoma, childhood, and non-Hodgkin's lymphoma, autotransplantation of peripheral blood stem cells mobilized by chemotherapy and recombinant human granulocyte colony-stimulating factor in (FUKUDA *et al*), 327

Pancytopenia, autoimmune, following bone marrow transplantation (KLUMP), 135
Paroxysmal nocturnal haemoglobinuria, two distinct patterns of glycosylphosphatidylinositol (GPI) linked protein deficiency in the red cells of patients with (HILLMEN *et al*), 399
Parvovirus B19 infection, persistent, recurrent granulocytic aplasia as clinical presentation of (PONT *et al*), 160
Plasma proteins, antibodies to: an association with platelet transfusion refractoriness (HEAL *et al*), 83

Platelet concentrates, 5-day stored, post-transfusion recovery of function of (Owens *et al*), 539
Platelet fibrinogen, endogenous: its modulation after surface expression is related to size-selective access to conformational changes in the bound fibrinogen (Gralnick *et al*), 347
Pregnancy and factor VII (Hubbard *et al*), 265
Progenitor cells, human and murine haematopoietic, *in vitro* toxicity of 3′-azide-3′-deoxythymidine, carbovir and 2′,3′-didehydro-2′,3,dideoxythymidine to (Du *et al*), 437
Pseudotumour cerebri following high-dose cytosine arabinoside (Evers *et al*), 559

Quinidine-induced thrombocytopenic purpura: clinical presentation in relation to drug-dependent and drug-independent platelet antibodies (Nieminen & Kekomäki), 77

Radioimmunotherapy in cancer patients, haematological effects of (Stein *et al*), 69
Recombinant human granulocyte colony stimulating factor (rhG-CSF), marrow proliferation and the appearance of giant neutrophils in response to (Campbell *et al*), 298

Spectrin B-chain variant, a large erythroid (Johnson *et al*), 6
Spectrin Rouen ($\beta^{220/218}$), elliptocytosis-associated, has a truncated but still phosphorylatable β chain (Lecomte *et al*), 242
Spherocytosis, herediary, adverse role of the spleen in: evidence by the use of the atomic force microscope (Zachée *et al*), 264
Spherocytosis, hereditary, characterized by increased spectrin/band 3 ratio (Miraglia del Giudice *et al*), 133
Succinyl derivative of dermatan sulphate in rabbits, antithrombotic activity, bleeding effect and pharmacodynamics of (Saivin *et al*), 509

T cell lymphocytosis, childhood polyclonal, with neutropenia: effects of antilymphocyte globulin and granulocyte colony stimulating factor *in vitro* and *in vivo* (Laurie *et al*), 446
Thalassaemia, a novel β^{o}-, mutation (coden 15, TGG→TGA) is prevalent in a population of Central Portugal (Ribeiro *et al*), 567
Thalassaemia, dominant β: molecular basis and pathophysiology (Thein), 273
Thalassaemia, mild β-, in the Italian population, promoter mutations producing (Meloni *et al*), 222
Thrombocytopenia, heparin-induced, insights into (Anderson), 504
Ticlopidine and severe aplastic anaemia (Mataix *et al*), 125
T-lymphocytes, human, effect of transferrin, lactoferrin and chelated iron on (Djeha & Brock), 235
Transcobalain II deficiency, the neurologic aspects of (Hall), 117
Transplantation, marrow, a pilot study of low-dose cyclosporin for graft-versus-host prophylaxis in (Stockschlaeder *et al*), 49
Transplants, second, for patients with chronic myeloid leukaemia in relapse after original transplant with T-depleted donor marrow: feasibility of using busulphan alone for reconditioning (Cullis *et al*), 33

von Willebrand's disease, acquired type II, associated with adrenal cortical carcinoma (Facon *et al*), 488
von Willebrand's disease, a patient with, characterized by a compound heterozygosity for a substitution of Arg^{854} by Gln in the putative factor-VIII-binding domain of von Willebrand factor (vWF) on one allele and very low levels of mRNA from the second vWF allele (Peerlinck *et al*), 358
von Willebrand's disease, clinical and biological evaluation in, of a von Willebrand factor concentrate with low factor VIII activity (Goudemand *et al*), 214
von Willebrand factor release, endothelial, monocytes enhance, and prostacyclin production with different kinetics and dependency on intercellular contact between these two cell types (Hakkert *et al*), 495